

ULRICH et al: – Serial No. 10/002,784
Amdt. dated December 4, 2003
Responsive to Office Action dated July 3, 2003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior listings, and versions, of claims in the application.

Claims 1-31 (canceled without prejudice or disclaimer)

Claim 32 (Currently amended) An isolated and purified superantigen streptococcal pyrogenic exotoxin A which has been altered so that position 42 is alanine or arginine such that binding of the encoded altered toxin to either the MHC class II or T cell antigen receptor is altered, wherein said streptococcal pyrogenic exotoxin A is fused to an altered SpeB superantigen toxin peptide in which position 47 has been altered to serine.

Claims 33-42 (canceled without prejudice or disclaimer)

Claim 43 (Currently amended) The altered An isolated and purified superantigen toxin of claim 42 having amino acid SEQ ID NO: 27.

Claims 44-75 (canceled without prejudice or disclaimer)